

ACR SR203 Survival Radio

VHF GMDSS Survival Craft Radio

The Science of Survival



SR203 GMDSS Survival Radio

VHF Survival Radio meets all IMO requirements



- **Efficient transmitter**
- **Rugged design**
- **Primary Lithium battery exceeds GMDSS requirements**
- **Protective battery tab**
- **Non-hazardous batteries**
- **16 hours typical operating life**
- **Optional rechargeable battery kit**
- **Laser etched control buttons**
- **High contrast/backlit digital display and keypad**
- **21 Channels**

The all new ACR SR203 GMDSS Survival Radio meets all the requirements of the IMO for carriage on SOLAS vessels. Built tough for all marine applications and easy to use in an emergency situation, the SR203 is the ideal choice for mandatory and voluntary carriage.

The digital display and control buttons are backlit making operation in low light environments simple. Once activated, the SR203 is automatically tuned to Channel 16 and has a single push Channel 16 call button to quickly return to the emergency channel.

The SR203 boasts exceptional battery life of over 16 hours (@ -4°F (-20°C)) thanks to its highly efficient transmitter designed to maximize battery life.

The innovative battery protection tab means the primary battery can be permanently attached to the radio without fear of losing its charge. The radio will always be available for use in times of emergency without the need to remove protective labels or the like before use. Simply break off the red protective tab and the radio will be immediately ready to turn on to channel 16.

For everyday use, ACR offers a lithium polymer rechargeable battery option. The quick release rapid charger provides the ideal solution for keeping the batteries fully charged.

This equipment may not be marketed or put into service in the EU until it is in compliance with the MED Directive.

A SOLUTION DESIGNED WITH YOU IN MIND

Emergency Use Only Applications

Order Product Number 2827

Includes: SR203 Survival Radio, Replaceable Lithium Battery, and Wall Mount.

Everyday and/or Emergency Use Applications

Order Product Number 2828

Includes: SR203 Survival Radio, Replaceable Lithium Battery, Rechargeable Lithium Polymer Battery, Rapid Battery Charger, Power adaptors, and Wall Mount.

ATIS Applications

Order Product Number 2829

Includes: SR203A Survival Radio, Replaceable Lithium Battery, Rechargeable Lithium Polymer Battery, Rapid Battery Charger, Power adaptors, and Wall Mount.

SPECIFICATIONS

Transmitter	
Output Power (High)	2.5Watts
Output Power (Low)	1Watt
Modulation	±5kHz(max) FM
Emission Designator	16K0G3EJN
Pre-Emphasis.	dB/octave (300Hz to 3kHz)
Spurious Emissions	<0.25µWatt
Receiver	
Sensitivity (20dB SINAD)	-117dBm
Audio Output Power	0.4W
Adjacent Channel Rejection	>70dB
Intermodulation Rejection	>68dB
Spurious Response Rejection	>70dB
Spurious Emissions.	<2nWatt
General	
Color	High Visibility Yellow (ACR-Treuse)
Lanyard Included	Yes
Wall Mount Included	Yes
Number of channels	21
International Frequency Allocation (Simplex only)	
Battery	
Primary Chemistry	Lithium Lithium/ Iron Disulfide (Li/FeS2)
Operational Lifetime (10% Tx:10% Rx:80% Squelched)	>16hours
Replacement interval	5years
Rechargeable	Lithium Polymer
Environmental	
IEC60945 Category	Portable
Operating Temperature Range	-4°F to +131°F (-20°C to +55°C)
Storage Temperature Range	-22°F to +158°F (-30°C to +70°C)
Humidity	93% @ +104°F (+40°C)
Waterproof	1 metre for 30minutes
Thermal Shock/Submersion	45°C drop/100mm for 1 hour
Drop proof (onto hardwood surface)	1 metre (6 faces)
Dimensions	
Height (with Antenna)	11.9 inches (302 mm)
Body only	5.6 inches (141 mm)
Width	2.7 inches (68 mm)
Width (including battery tab)	2.8 inches (70 mm)
Depth	1.5 inches (37 mm)
Standards and Approvals	
Approval Standards (GMDSS)	
IMO regulations	A.694(17); MSC.149(77)
VHF	IEC61097-12
EMC	IEC60945
European approval	Marine Equipment Directive A.1/5.17
USA standards (GMDSS)	FCC part 80.1101, CFR47
Replacement Batteries	
GMDSS Lithium Battery	Product Number 1061
Rechargeable Lithium Battery	Product Number 1062
Alkaline Test Battery	Product Number 1063
Warranty	1 Year



Clip on battery Replacement is quick and easy



Belt Clip and Lanyard Included



Gold plated battery contacts ensure proper connection and prevents corrosion

For further information please contact:

ACR Electronics, Inc.
5757 Ravenswood Rd.
Ft. Lauderdale, FL 33312, U.S.A.
Tel: +1 (954) 981-3333
Fax: +1 (954) 961-4403

Preliminary information – subject to change